

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033993.D
 Acq On : 02 Feb 2023 17:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV618

Quant Time: Feb 03 04:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:22:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	216515	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	191747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	105524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65048	45.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.220%
7) Chloroethane-d5	1.666	69	46345	52.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.880%
11) 1,1-Dichloroethene-d2	2.307	63	126662	47.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
21) 2-Butanone-d5	4.446	46	90016	108.882	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	5.050	84	131540	50.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	5.946	65	79928	51.215	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
32) Benzene-d6	5.971	84	271703	49.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.860%
36) 1,2-Dichloropropane-d6	7.306	67	81377	50.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.160%
41) Toluene-d8	8.647	98	257078	49.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.946	79	38588	52.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.660%
47) 2-Hexanone-d5	9.378	63	67524	110.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107914	52.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	12.323	152	108698	51.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	72075	44.745	ug/L	100
3) Chloromethane	1.295	50	60925	41.437	ug/L	98
5) Vinyl chloride	1.374	62	61247	41.195	ug/L	97
6) Bromomethane	1.612	94	32788	42.529	ug/L	96
8) Chloroethane	1.685	64	34265	43.354	ug/L	96
9) Trichlorofluoromethane	1.886	101	92158	43.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	65981	45.278	ug/L	99
12) 1,1-Dichloroethene	2.319	96	58373	43.789	ug/L	87
13) Acetone	2.374	43	75001	88.180	ug/L	98
14) Carbon disulfide	2.514	76	163839	45.409	ug/L	99
15) Methyl Acetate	2.697	43	61086	45.080	ug/L	99
16) Methylene chloride	2.788	84	63045	44.660	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	62008	45.060	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	180028	44.932	ug/L	99
19) 1,1-Dichloroethane	3.605	63	106801	44.470	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	69667	44.300	ug/L	99
22) 2-Butanone	4.550	43	96235	91.065	ug/L	99
23) Bromochloromethane	4.891	128	37977	43.990	ug/L	98
25) Chloroform	5.087	83	111511	44.963	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	84473	44.378	ug/L	99
29) Cyclohexane	5.465	56	101453	43.259	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	95500	44.065	ug/L	99
31) Carbon tetrachloride	5.672	117	88779	44.030	ug/L	100
33) Benzene	6.032	78	247373	43.385	ug/L	100
34) Trichloroethene	7.123	95	66701	43.164	ug/L	97
35) Methylcyclohexane	7.379	83	112503	45.657	ug/L	98
37) 1,2-Dichloropropane	7.428	63	62156	42.800	ug/L	100
38) Bromodichloromethane	7.818	83	81450	44.108	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	100289	44.992	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	161694	90.476	ug/L	99
42) Toluene	8.714	91	270079	44.280	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90096	45.423	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	65584	44.613	ug/L	97
46) Tetrachloroethene	9.269	164	65717	44.294	ug/L	98
48) 2-Hexanone	9.427	43	130124	91.365	ug/L	99
49) Dibromochloromethane	9.519	129	71419	45.027	ug/L	97
50) 1,2-Dibromoethane	9.610	107	70926	44.896	ug/L #	100
51) Chlorobenzene	10.080	112	183764	44.596	ug/L	98
52) Ethylbenzene	10.189	91	299535	44.687	ug/L	98
53) m,p-Xylene	10.299	106	121278	45.074	ug/L	97
54) o-Xylene	10.640	106	114653	44.107	ug/L	95
55) Styrene	10.653	104	201257	46.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	93567	45.275	ug/L	99
59) Bromoform	10.799	173	57920	45.101	ug/L	99
60) Isopropylbenzene	10.964	105	312047	45.264	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	69941	43.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	259840	46.048	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	254527	45.762	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	152775	44.567	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	153866	44.350	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	147075	43.877	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17902	45.612	ug/L	99
69) 1,3,5-Trichlorobenzene	13.110	180	117908	45.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	108590	46.271	ug/L	99
71) Naphthalene	13.774	128	302154	46.505	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	106326	45.894	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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